UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/796,699	03/08/2004	Marcel A. LeBlanc	A1271	2891

25004   7590   11/17/2006

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EXAMINER
DO, THUAN V

ART UNIT	PAPER NUMBER
2825	

DATE MAILED: 11/17/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on <u>08 March 2004</u>.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) <u>1-18</u> is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) <u>1-18</u> is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on <u>03/08/2004</u> is/are: a)☐ accepted or b)☒ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)
2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3)☐ Information Disclosure Statement(s) (PTO/SB/08)
    Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____.
5)☐ Notice of Informal Patent Application
6)☐ Other: _____.

DETAILED ACTION

1.   This office action is responsive to an application filed on 03/08/2004. Claims 1-18 are pending in this office action.

Drawings

Drawings should be readable and scannable. A new set of drawings is required in the next response.

Claim objections

Claim 17, term "parameter values. interface" is incorrect grammar...

Clarification or correction is required.

Claim Rejections - 35 USC 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Specification does not support "the form 1010xxx".

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

(e) the invention was described in-
(1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effect under this subsection of a national application published under section 122(b) only if the international application designating the United States was published under Article 21(2)(a) of such treaty in the English language; or
(2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that a patent shall not be deemed filed in the United States for the purposes of this subsection based on the filing of an international application filed under the treaty defined in section 351(a).

2.   Claims 1-18 are rejected under 35 U.S.C. 102(e) as being unpatentable over a
prior art of Peck et al. Pub. No. 20050137840.

Regarding claim 1: The prior art teaches a method comprising:

selecting an interface protocol (paragraph [0014] using graphical user interface);

specifying one or more parameter values for the selected interface protocol
(paragraph [0014] using measurement parameters. This area is also used to reject the
similar features of claim 17 for specifying one or more parameter values);

generating a user non-volatile memory interface megafunction using the selected
interface protocol and the specified one or more parameter values wherein the
generated user non-volatile memory interface passes signals to and from the raw
UNVM interface (paragraphs [0014] using measurement parameters, [0152] and [0225]
with interface protocol function. This area is also used to reject the similar features of
claims 10-12,14,16 and 17).

Regarding claim 2: The prior art teaches a method with grouping comprising
one of "None" (paragraph [0290]).

Regarding claim 3: The prior art teaches a method with the one or more
parameter values include one memory type (paragraph [0126]).

Regarding claims 4,5: The prior art teaches a method with memory bit
configurations (paragraph [0093] using bit files for data memory codes. This area is also
used to reject claims 7-9).

Regarding claim 6: The prior art teaches a method with read/write (paragraph
[0177]. This area is also used to reject the similar features of claim 15).

Regarding claim 13: The prior art teaches a method with the raw UNVM
interface (paragraph [0126]).

Regarding claim 18: The prior art teaches a method comprising:

receiving a set of option settings containing user-selected settings for a user non-
volatile memory interface, the set of option settings being selected from a plurality of
sets of option settings wherein each set of option setting corresponds to one of a

plurality of interface protocols (paragraph [0014] using graphical user interface with their measurement functions);

generating a compilable variation file specifying the received set of option settings (paragraph [0026] using configuration of data setting file in the measurement system and paragraph [0035] for program execution); and
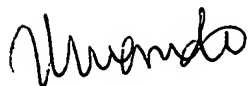
using the compilable variation file to generate unambiguous circuit blocks (paragraph [0096]) of an electronic device wherein the electronic device includes a user accessible non-volatile memory and a raw UNVM interface for passing signals to and from the user accessible non-volatile memory and wherein the user non-volatile memory interface passes signals to and from the raw UNVM interface (at least paragraph [0141] using the execution of portion of a block diagram and paragraph [0126) for raw interface memories).

CONTACT INFORMATION

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thuan Do whose telephone number is 571-272-1891. The examiner can normally be reached on Monday-Friday 8:30-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jack Chiang can be reached on 571-272-7483. The fax phone numbers for proceeding this application is 571 273-8300.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 800-786-9199.

Thuan Do
Primary examiner
11/13/2006